

August 14, 2012

- Opening Remarks (Tim Owen, NCDC Operations Planning Officer)
- Introduction/Goal of the meeting (Nancy Ritchey – NCDC Archive Branch Chief and Christina Lief – Lead, NCDC Metadata Working Group)
- NOAA Management Directives (Jeff De La Beaujardiere - NOAA Data Management Architect and Chair of the Environmental Data Management Committee (EDMC))
 - NOAA EDMF: guide/support data mgmt activities at NOAA
 - Cloud services increasing in importance
 - NSF Data One?
- EDMC Data Documentation Directive (Ted Habermann – Metadata Expert, NOAA/NGDC)
 - Foundations
 - Mgmt Tools
 - Rubrics
 - Good Examples
 - Training
 - Focused Teams
 - Support for Standards
- NCDC metadata activities (Nancy Ritchey)
- NODC Metadata (Don Collins – Oceanographer, Senior Ocean Data Archivist, NODC/Technical Director Staff)
 - Currently developing online submission form?
- Metadata Creation/Editing Tools (Jaci Mize – Metadata Specialist/Developer NODC/NCDDC)
 - ISO > DIFF XSL forthcoming (maybe from Ted)
- FGDC ISO Metadata Summit and Support Strategy * (Lynda Wayne, GISP, ASLA - GeoMaxim)
 - Implementation
 - Tools
 - Communication
- NASA GCMD (Lola Olsen, Director NASA GCMD)
 - KMS = Keyword Management Service
 - * **USE IN ATRAC**
 - RESTful
 - Uses: SKOS, RDF, OWL, CSV
 - REST Paths:
 - Concept Resource
 - Concepts - Root
 - Concepts - By Pattern
 - Concepts - By Concept Scheme + Pattern
 - Concepts ...
 - Uses UUID
 - MWS = Metadata Web Service
 - Access to GCMD MD record types
 - RESTful
 - Need user accounts for both (uses EOSDIS URS)
 - NextGen = New GCMD Website
 - * <http://gcmd.nasa.gov/nextgen>
 - ****INFO ON NEW KEYWORD WEB SERVICES**** http://gcmd.gsfc.nasa.gov/Aboutus/software_docs/MD9_8_3_1_release_announcement.html

- CEOS CWIC (Ken McDonald - Technology, Planning, and Integration for Observations, NOAA Satellites and Information Service)
- USGCRP/NCA/GCIS (Curt Tilmes - Technical Lead for the Global Change Information System)

August 15, 2012

- Order of the day (Nancy Ritchey – Christina Lief)
- NOAA CLASS (Jay Morris – CLASS System Engineer)
 - Evolution:
 - Gen 1 (current): stove-piped
 - Gen 2: cloud pilot, etc
 - Gen 3: Largely just a black box with interfaces
 - IRODS: possible middleware layer
 - Access just M2M
 - CLASS needs (the only common requirements across data NNDCs):
 - Provider ID
 - Unique ID
 - Unique ID format
 - CLASS wants:
 - Location
 - Period of coverage
 - Data group (?)
 - Creator ID
 - CLASS provides:
 - User defined fields
 - NNDCs will maintain:
 - MD catalog
 - Access interfaces (connected to CLASS via M2M)
- NASA ECHO (Kathleen Baynes, System Engineer, NASA/ECHO)
 - ECHO = mandate of EOSDIS
 - Limited ISO support
 - REVERB:
 - Next gen web client
 - Discovery and ordering of data
 - MD concepts:
 - ECHO catalog is Oracle based
 - Elastic (used by ECHO) Vs SOLR?
 - Can receive ISO (limited???) or ECHO 10 during MD ingest
 - MD ingest via FTP or REST
 - Stores original XML in DB
 - ISO support limited to a few elements
- DocuComp (Ted Habermann)
 - Uses RESTful service
 - .../docucomp/[uuid] > XML blob
 - HTTPS support?
 - Add new component via RESTful service?
 - Does not track component changes
 - Does not validate components
 - Permissions for editing certain components? Yes, via groups (?)
- XSLT sources:
 - NCDDC website: <http://www.ncddc.noaa.gov/metadata-standards/metadata-xml/>

- To be stored on ESIP Wiki
- What “dashboard” tool is NCDDC using for managing approval of MD records? (see Jaci)
- Potentially use short-term expiration date for new records instead of having a cumbersome approval process for new records
- Ted’s XSLT: convert ISO to graphML, then convert to SVG
- YWorks: edit graphML
- Consensus: use DOIs for tracking datasets and UUIDs for granules and components
 - Integrate creation of DOI in ATRAC?
- DOI vs ARK?
- SERF = DIF version of ISO 19119
- Docbuilder: used to create DIF/SERF record

August 16, 2012

- ATRAC - Docucomp Integration:
 - Tech contact: Tom Kelley
 - Ability to add new component via web service?
 - Unclear
 - Does require authentication using Crowd (<http://www.atlassian.com/software/crowd/overview>)
 - HTTPS required
 - Next step is to contact Christina or related to initiate request